

1. Product main performance/产品主要性能指标:

Operating Temperature/工作温度: $-55^{\circ}\text{C}\sim 150^{\circ}\text{C}$
 Humidity(max)/最大潮湿: $\leq 95\%$ [at 60 deg C / 140 F]
 Shielding /屏蔽性能: 75dB(10MHz) 40dB(1GHz)
 Salt Spray Corrosion/盐雾: 96hr

Mechanical data/机械特性:

Vibration/振动: 15g[10Hz~2000Hz]
 Shock Resistance/冲击: 100g[6ms]
 Endurance (Shell)/机械寿命: 5000+

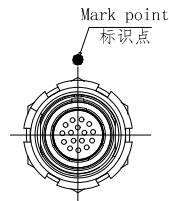
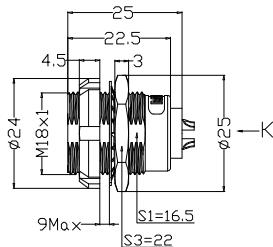
2. 电气性能

Insert Configuration/针芯配置: 3BP. 316 16Low Voltage
 Pin Size/接触件直径: $\phi 0.9\text{mm}$
 Contact resistance/接触电阻: $\leq 6\text{m}\Omega$
 Insulation resistance/绝缘电阻: 5000M Ω (测试电压500V(DC))
 Withstand voltage/耐电压: 1200V(AC)
 Rated working current/额定工作电流: 8.0A

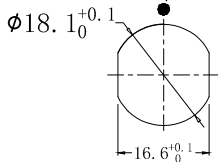
Other Specification/其它规格:

Contact PIN/接触体: Gold plated Tin bronze/锡青铜镀金
 Housing Material/外壳材质: PEEK
 Other Shell Material/其它壳体材质: 铜镀镍
 Insulator material/绝缘体材料: PEEK
 IP Rating/防护等级: IP50

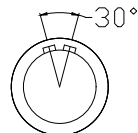
*ALL MATERIALS ARE RoHS COMPLIANT/所有材料均符合RoHS要求.



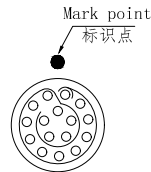
Mark point
标识点



Panel cut-outs
建议安装开孔尺寸



Socket front view
插座前视图



view K
K向孔位排列

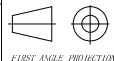
DRAWN BY:
绘图: P003 2024. 05. 28
CHECKED BY:
审核: Z01 2024. 05. 28
APPROVED BY:
核准: P005 2024. 05. 28

GENERAL TOLERANCE
(UNLESS SPECIFIED)

$\leq 10 \pm 0.1$
 $< 10^{\circ} \sim 20 \pm 0.15$
 $< 20^{\circ} \sim 50 \pm 0.3$
 Angle $\pm 1^{\circ}$



美易连电子科技(深圳)有限公司
 Meiyilian electronic technology (shenzhen) Co., Ltd.



FIRST ANGLE PROJECTION

单位
UNIT: mm
比例
SCALE: 1: 1

名称
PART NAME

型号
PART NAME

ZCA-3BP 双螺母插座
 ZCA-3BP Double nut socket

ZCA. 3BP. 316. KWKL

REV/版本 A1

SHEET: 1 OF 1